

original.

In accordance with the present invention, in another embodiment, a method for using a scanning system with one-scan and-done feature and didn't pre-decide the attribute of original are provided. The present invention is described in view of using the scanning system in the embodiment. The method comprises steps 51-55 illustrated in Fig. 5, where in the block 55 can be executed or not, but block 51-54 are necessary.

As shown in block 51, using scan system to scan an original at least one time to get an image that can display all content of original. Here in, scan system combined two of following scanning modes to scan those originals: reflective scanning mode and transparent scanning mode, as to which mode first is not point in the present invention. If the scan system can get image which enough to display most content of scanned original using one scanning mode, and then the scan system won't perform scanning again with another scanning mode.

As shown in receiving block 52, an image displayed by the scanning system corresponding to the original is received. The image is usually displayed on a screen. The selection or treatment of the image is also handled on the screen. Thus, the performance of what you see what you get feature provided by the present invention is diminished if the resolution of the screen is too low.

A portion of the image is selected, as depicted in processing

block 53. It is noted that after the selection of image, a further adjustment of the selected image is achievable. The selected image is output from the scanning system, as illustrated in block 54.

5 Certainly, the present invention can execute block 55 that used to input scanning parameters to scan system before executed block 51, the varieties of scanning parameters include the scanning resolution, and image process command that use to process the scanned image with image process procedure before display the image,
10 but scanning parameters won't include any information about the attribute of original. Herein, the image process can be any technology to increase the accuracy and the clarity of the image, such as Bit Enhancement Process.

15 Additionally, the image process can be either performed by a scanner or by a computer. The image process can be modified, replaced, and upgraded by external technologies when a computer is utilized. In comparison with the prior art that the image process is performed by a scanner, wherein the image process is fixed when the
20 scanner is once built, the present invention utilizes a computer that is by replacing the software the image process is upgraded.

25 In accordance with the present invention, in a further embodiment, a scanning system with one-scan-and done feature and didn't pre-decide attribute of original are provided. The present invention is described in view of the structure of the scanning system in the embodiment. The scanning system comprises units of scanning module 61, process module 62, storage module 63, display module 64,

receiving module 65, and output module 66 in Fig. 6.

The scanning module 61 is for scanning an original to get an image that can display all content of original. The process module 62 is for processing the image that scanned by module 61. The storage module 63 is for storing images that processed by module 62. The display module 64 is for displaying images that processed by module 62. The receiving module 65 is for receiving a portion of image that selected by user, and receiving the image process command from user, furthermore passing commands to process module 62 to modify the portion of selected image by user, and storing image in storage module 63 after modified. The output module is for outputting images that stored in module 62.

Simply, the scanning system is similar to that in the prior art. The key difference is the scanning module 61 and outputting module 65. The scanning module 61 uses both reflective scanning mode and transparent scanning mode to scan each original automatically, and without user input the scanning mode and attribute of original.

Additionally, outputting module 66 output the image directly according to user's selection and process on display module 64, and won't perform scanning again to update the image with module 61.

Besides, as shown in Fig 6B, the present invention can include receiving parameter module 67, it is for receiving parameters input by a user and passing parameters to scanning module 61, and then scanning module scan original base on these parameters.